



第25屆國家磐石獎

The 25th National Award of Outstanding SMEs



# 精湛光學科技股份有限公司

CHING CHAN OPTICAL TECHNOLOGY CO., LTD.

負責人：吳俊男

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推薦單位：中小企業信用保證基金

營業項目：機械設備製造業

產品名稱：光學影像篩選機、精密高速成型機、  
製程監控系統

Owner : Alex Wu

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Recommended by :

Small and Medium Enterprise Credit Guarantee Fund of  
Taiwan

Business Items :

Machinery and Equipment Manufacturing

Main Products :

Optical Sorter, Sorting Machines, Sorting Equipment



董事長 吳俊男先生 Chairman: Mr. Alex Wu



篩選機 Screening Machine



成型機 Modeling Machine



<http://www.ccm3s.com>



高雄總廠 Headquarters in Kaohsiung

精湛光學成立於1992年，草創時期由吳俊男董事長與其兄長於嘉義承租30坪大的小廠房，以震動送料機起家。在精湛夥伴秉持「技術創新」及「品質提升」的堅持下，成功開發出光學影像篩選設備，之後基於企業成長與產業發展，又陸續成立代工篩選及成型機部門。精湛所有產品皆導入自行開發的軟體系統，擁有完善的售服網絡，推出為客戶量身打造的产品。如今精湛高精密度的產品設備足跡已遍及全世界30餘國，成為國內外知名緊固件大廠指定的設備品牌。

### 了解需求 超越期望

「了解客戶的需求、超越顧客的期望」是吳董事長堅持的經營理念。吳董事長說：「我剛開始創業時，只在意利潤的高低，比較不在乎品質，可壓低成本賺更多錢，何樂而不為？」直到偶然間閱讀《一生中總要有一次世界第一》這本書後，才對經營事業有另一番深刻的體會。「從那天起，我就期許自己能將精湛打造成為世界第一的企業。」

他總是不厭其煩地告訴員工，「研發不用顧慮成本，要像建商蓋豪宅，好還要更好。」吳董事長認為用世界第一的高度來思考，產品服務才會成為全球冠軍。

### 創新研發 根留台灣

精湛光學長期深耕本業並在台設立研發團隊，擁有多項國內外專利，並榮獲兩次「中小企業創新研究獎」，2015年獲得「創業楷模獎」，並於2010年螺絲技術雜誌FASTENER評選為美國緊固件市場「2009年25大最佳產品第一名」。精湛不斷秉持創新研發精神，由各具專才的系統性技術人才積極拓展篩選機、成型機產品的深度及廣度，藉由產品多元化、客製化來擴大公司營運規模，並積極放眼世界，尋求國際合作機會，落實「永續經營、根留台灣」之理念。

### 關懷員工 以人為本

精湛光學相信人才是企業營運最重要的夥伴，關懷員工，共同成長是精湛一貫的企業文化，提供員工良好的辦公環境、完善的教育





訓練、健身舒壓設備，致力建立良好的工作氛圍並讓員工樂於全力投入工作。精湛整體的薪酬福利維持在同業的水準之上，並提供員工分紅入股，秉持與員工利潤共享，發展共存共榮的企業文化。

### 重視環境 善盡社會責任

吳董事長所領導的精湛一向重視企業與社會和環境的特定關係，積極參與社會公益，回饋社會，贊助教育、學術研究、藝術、文化活動，或弱勢族群、社區發展計畫、急助救難等，並於101年及103年相繼成立精湛愛心慈善基金會及財團法人雲林縣精湛教育基金會。在環保上則大力推動節能減碳活動，以太陽能發電為例，精湛至今在二氧化碳減少量達33.7萬公克，善盡企業公民的責任。



生產線 Production line

### 面對挑戰 產業升級

展望未來，精湛光學對內將持續加強員工訓練；對外將拉大與競爭者的距離，以頂級品質、平民化價格攻佔全球市場，並全面應用研發中心自主開發的核心軟體，提供智慧機械自動化控制解決方案及發展多元自動化設備事業部，提升MIT產品品質，朝向「全球緊固件產業設備製造商第一品牌」邁進。■



生產線 Production Line



教育訓練 Employee Training



精湛全體合照 Photo of Employees





新機發表會 Product Launch

Ching Chan(CCM) was established in 1992. In the early days the chairman, Alex Wu, and his elder brother rented a 30sq small factory in Chiayi. Starting with the vibratory-feeders, it has been 24 years since the business began. CCM staff held on to their ideals of "skills innovation" and "enhanced quality". They managed to invent multiple optical sorting machines, then due to their business and property growth, they eventually established OEM sorting department and Bolt Former department.

All of CCM's products are incorporated with in-house software systems and perfect sales network CCM is always standby to hear customer needs and promote custom made products. As of today, CCM's highly precise equipment products have reached more than 30 countries. CCM has established itself as the top selected brand nationally and globally.

"Understand customer needs, exceed client expectations" is the ideal that CCM's chairman, Alex Wu, persisted. he said "when I began, I only cared about the profits and disregarded quality. So I could earn more by lowering costs, so why not?" then he came across this

book " In a lifetime, you must be the world number one at least once" After reading the book, he realized a different and memorable experience of operating a business. "From that day on, I wanted to push CCM to become the number one business in the world." he is always telling his staff tirelessly, "Don't worry about cost while innovating. Just like building mansions, it got to be better than just good." Chairman Alex Wu thinks that only by using the standard of being number one , can one achieve the world number one

products and services. So, "Understand customers' requirements and transcend customers' expectations" was the ideal that made CCM sorting machine the world number one.

### Keep the root of Innovation Research & Development in Taiwan

CCM has set up an innovation team for a long time within its organization. It currently owns a total of 56 international valid patents and twice achieved the "Taiwan SMEs Innovation Award" in 2009 and 2014 respectively, Model of Entrepreneurs Award in 2015, and in 2010 the screws technology magazine, Fastener, judged CCM's product as one of US fastener market's TOP 25 products in 2009. In an era of global competition, CCM persisted in the innovative spirit, utilizing systematic technicians to design the optical sorting machines and formers, and enhanced products



全球客戶大合照 Global Customers Photo



depth and width. As products became multi dimensional and customized, CCM enlarged the company's operation model. CCM also looks out globally and seeks international partnerships. It strengthens the ideal of "continual operation, with roots stay in Taiwan"



員工旅遊 Company Trip

### Human Centered Employee Care

CCM believes that employees are the most important asset. CCMers enjoy air conditioning offices, gym facilities, full education training. Our corporate culture is to take care of every employee and we want each of our employees to be successful. Good working atmosphere leads you to devote to your job and you can manage your own career as there is no limit to reach your full potential. As one of the leading companies of the industry, CCM has above-average compensation and benefits and share the profit to attract, reward, train, inspire and welcome talents with different background.

### Emphasis on Environment, Responsibility for the Society

CCM always focuses on the relationship between the corporate, the society and the environment. CCM actively involved in activities to benefit the society, like sponsoring education, researching, art and cultural activities, even the minority, civil planning, emergency response, etc. In 2012 and 2014, the company respectively established CCM Love & Care Charity Foundation and Yunlin county CCM Educational Foundation, funded over 6.5 million NT dollars in regards to the environment, then pushed to decrease the use of carbon and to use solar energy to produce electricity, for example.

CCM were able to decrease the amount of carbon dioxide emission by 337 thousand tons. CCM has been trying hard to fulfill social responsibility.

### Facing Challenges, Upgrading Industries

Looking into the future, CCM will enhance education training for employee, increase the difference from competitors, and then conquer global market with highest quality and acceptable price. CCM will comprehensively apply the core software developed by own R&D department to provide smart automatic mechanism and set up a department of diversified automatic production. CCM will take steps towards the top brand of the equipment supplier for fastener industry in the world. ■



### 綜合評語 Commentary

專業製造「螺絲自動光學檢測篩選機」，研發創新實力倍受國際市場肯定，產品躍居國際主流品牌。近年來營收成長快速，整體管理制度健全，品質管理落實，未來極具潛力。公司節能減碳，太陽能自用發電自給自足，假日回饋台電，持續奉獻社會，值得肯定。

Specializing in the building of "Automatic Optical Screw Sorting Machines", the company has won international recognition with its prowess in R&D and innovation. Its product is now a mainstream brand in the international market. Fast revenue growth in recent years as well as a sound management system and effective quality control mean the outlook is good. The company supports energy conservation and carbon reduction. It has achieved energy self-sufficiency through solar power and on weekends excess electricity is fed back into the Taipower grid, and this continued contribution to society is worthy of praise.